

## PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference SCB/61737001	<b>FOR FURTHER ACTION</b> see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/GB 03/04725	International filing date (day/month/year) 03/11/2003	(Earliest) Priority Date (day/month/year) 04/11/2002
Applicant  GW PHARMA LIMITED		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 6 sheets.

☐ It is also accompanied by a copy of each prior art document cited in this report.

**1. Basis of the report**

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ **Certain claims were found unsearchable** (See Box I).

3. ☒ **Unity of invention is lacking** (see Box II).

**4. With regard to the title,**

☐ the text is approved as submitted by the applicant.

☒ the text has been established by this Authority to read as follows:

PHARMACEUTICAL COMPOSITION COMPRISING CANNABINOIDES FOR THE TREATMENT OF PAIN AND SLEEP DISORDERS

**5. With regard to the abstract,**

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

**6. The figure of the drawings to be published with the abstract is Figure No.**

☐ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

☒ None of the figures.

## INTERNATIONAL SEARCH REPORT

International Application No

GB 03/04725

CLASSIFICATION OF SUBJECT MATTER  
 IPC 7 A61K31/352 A61P23/02 A61P25/20

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/064109 A (GW PHARMA LTD ;WHITTLE BRIAN (GB); GUY GEOFFREY (GB)) 22 August 2002 (2002-08-22) cited in the application page 27, line 5-15,27-33 page 28, line 15-17 page 28, line 34 -page 29, line 2 page 31, line 3-10 page 33, line 5-15 claims 26,29,45,49-53,78 ----	1-10
P,X	GB 2 377 633 A (GW PHARMA LTD ;GW PHARMACEUTICALS LTD (GB)) 22 January 2003 (2003-01-22) page 3, line 10-13 page 19, line 5,6 claims 1-5,16,41,55,56 ----- -/-	1-10

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

15 April 2004

Date of mailing of the international search report

15 05 2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
 NL - 2280 HV Rijswijk  
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
 Fax: (+31-70) 340-3016

Authorized officer

Veronese, A

## INTERNATIONAL SEARCH REPORT

International Application No

GB 03/04725

Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>WILLIAMSON E M ET AL: "CANNABINOIDS IN CLINICAL PRACTICE"            DRUGS, ADIS INTERNATIONAL LTD, AT,            vol. 60, no. 6, December 2000 (2000-12),            pages 1303-1314, XP001025657            ISSN: 0012-6667            * See page 1307-1308: "2.1.3, Pain relief"            *</p>	1-3
X	<p>WO 02/069993 A (WERNER MICHAEL ;FORSCH            HISCIA VER FUER KREBSFO (CH); JAEGBY            CHRIST) 12 September 2002 (2002-09-12)            page 1, line 5-10,29-31            page 2, line 10-21            page 3, line 12-15            page 7, line 38 -page 8, line 1            page 8, line 22-33            examples 1,2            page 9, line 5,6</p>	1-20
X	<p>WO 02/080903 A (RADULOVACKI MIODRAG            ;TRUSTEES OF THE UNIVERSITY OF (US);            CARLEY DA) 17 October 2002 (2002-10-17)            page 7, line 9-19            page 7, line 25            claims 1,5            figures 1A,1B,2A,4</p>	11-20
X	<p>WO 02/056932 A (EMLIN BIOSCIENCES)            25 July 2002 (2002-07-25)            page 4, line 4-11            page 4, line 15            claims 1,9,22,23</p>	11-20
X	<p>DATABASE MEDLINE 'Online!            US NATIONAL LIBRARY OF MEDICINE (NLM),            BETHESDA, MD, US; August 1981 (1981-08)            CARLINI E A ET AL: "Hypnotic and            antiepileptic effects of cannabidiol."            Database accession no. NLM7028792            XP002277010            abstract            &amp; JOURNAL OF CLINICAL PHARMACOLOGY. UNITED            STATES 1981 AUG-SEP,            vol. 21, no. 8-9 Suppl,            August 1981 (1981-08), pages 417S-427S,            ISSN: 0091-2700</p>	11,12, 17,18

**FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210**

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. Claims: 1-10

Use of cannabinoids for the manufacture of pharmaceutical compositions for the treatment of neuropathic and chronic pain.

2. Claims: 11-20

Use of cannabinoids for the manufacture of pharmaceutical compositions for the treatment of sleep disturbance.

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/GB 03/04725

## Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☒ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

### Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☒ No protest accompanied the payment of additional search fees.

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB 03/04725

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 02064109	A	22-08-2002	GB 2377633 A	22-01-2003
			GB 2381194 A	30-04-2003
			US 2002136752 A1	26-09-2002
			US 2003021752 A1	30-01-2003
			CA 2438097 A1	22-08-2002
			CZ 20032458 A3	12-11-2003
			DE 10296335 T0	15-04-2004
			EP 1361864 A2	19-11-2003
			WO 02064109 A2	22-08-2002
			GB 2380129 A	02-04-2003
			GB 2388543 A	19-11-2003
			HU 0303182 A2	29-12-2003
			NO 20033556 A	09-10-2003
GB 2377633	A	22-01-2003	CA 2438097 A1	22-08-2002
			CZ 20032458 A3	12-11-2003
			DE 10296335 T0	15-04-2004
			EP 1361864 A2	19-11-2003
			WO 02064109 A2	22-08-2002
			GB 2380129 A	02-04-2003
			GB 2388543 A	19-11-2003
			HU 0303182 A2	29-12-2003
			NO 20033556 A	09-10-2003
WO 02069993	A	12-09-2002	CA 2440070 A1	12-09-2002
			WO 02069993 A1	12-09-2002
			EP 1368048 A1	10-12-2003
WO 02080903	A	17-10-2002	CA 2443105 A1	17-10-2002
			EP 1372638 A1	02-01-2004
			WO 02080903 A1	17-10-2002
WO 02056932	A	25-07-2002	WO 02056932 A2	25-07-2002
			US 2002117175 A1	29-08-2002